

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Toyoki UE et al. Prior Art Unit 2684

Serial No.: Continuation of Prior Examiner A. Gantt
Appln. Serial No.
09/648,756

Filed: January 29, 2002

For: RADIO COMMUNICATION DEVICE AND METHOD OF
CONTROLLING TRANSMISSION RATE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Please amend the above-captioned application as follows:

IN THE SPECIFICATION

Above line 1, insert the following new paragraph:

--This is a continuation of application serial number
09/648,756 which is a continuation of application serial number
09/424,843.--

IN THE CLAIMS

Please cancel claims 1-30, without prejudice or disclaimer.

Please add the following new claims 31-35:

--31. A transmission rate control apparatus comprising:
reception circuitry that receives a received quality measured
at a communication terminal; and

DEM200701200000

transmission rate control circuitry that changes a transmission rate to said communication terminal based on the received quality,

wherein said transmission rate control circuitry decreases the transmission rate when the received quality at a side of said communication terminal deteriorates rapidly.

卷之三

32. The transmission rate control apparatus according to
claim 31, wherein, after said transmission rate control circuitry
decreases the transmission rate when the received quality at a
side of said communication terminal deteriorates rapidly, said
transmission rate control circuitry changes the transmission rate
to an original value when the received quality at the side of
said communication terminal subsequently improves.

33. A base station apparatus provided with a transmission rate control apparatus, said transmission rate control apparatus comprising:

reception circuitry that receives a received quality measured at a communication terminal; and

transmission rate control circuitry that changes a transmission rate to said communication terminal based on the received quality,

wherein said transmission rate control circuitry decreases the transmission rate when the received quality at a side of said communication terminal deteriorates rapidly.

34. The base station apparatus according to claim 33, wherein, after said transmission rate control circuitry decreases the transmission rate when the received quality at a side of said communication terminal deteriorates rapidly, said transmission rate control circuitry changes the transmission rate to an original value when the received quality at the side of said communication terminal subsequently improves.

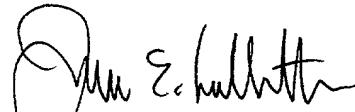
35. A communication terminal apparatus comprising:
monitor circuitry that monitors a received quality;
judgment circuitry that judges whether the received quality deteriorates; and
transmission circuitry that transmits the received quality at a timing at which said judgment circuitry judges that the received quality deteriorates.--

REMARKS

New claims 31-35 highlight patentable features of the present invention.

Early and favorable consideration of this application are respectfully requested.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: January 29, 2002

JEL/att

ATTORNEY DOCKET NO. JEL 31056I

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Suite 850

1615 L Street, N.W.

Washington, D.C. 20036-5622

Telephone: (202) 785-0100

Facsimile: (202) 408-5200